

Message

From: Benning, Brad [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=F5B844A4F89C467E945DB2D3778E0008-BBENNING]
Sent: 10/11/2018 5:44:30 PM
To: Cooper, Brian [cooper.brian@epa.gov]; Faryan, Steve [faryan.steven@epa.gov]; Sullivan, Glenn [Glenn.Sullivan@tetrattech.com]; rachel.houle@tetrattech.com
Subject: RE: Public viewer

That was the City of Chicago data that was collected in right-of-ways, there were actually only 3 locations, one of the results was a duplicate. I think those should be kept separate somehow or left out.

From: Cooper, Brian
Sent: Thursday, October 11, 2018 12:24 PM
To: Faryan, Steve <faryan.steven@epa.gov>; Sullivan, Glenn <Glenn.Sullivan@tetrattech.com>; rachel.houle@tetrattech.com
Cc: Benning, Brad <benning.bradley@epa.gov>
Subject: RE: Public viewer

Steve,

The other 4 high results are from the state data. Should we exclude that data from the viewer or separate that out? The state data is also in the public viewer.

Brian

From: Faryan, Steve
Sent: Thursday, October 11, 2018 12:18 PM
To: Sullivan, Glenn <Glenn.Sullivan@tetrattech.com>; rachel.houle@tetrattech.com
Cc: Cooper, Brian <cooper.brian@epa.gov>; Benning, Brad <benning.bradley@epa.gov>
Subject: RE: Public viewer

Glen and Rachel,

I was just checking the SH Bell Viewer and I am seeing 9 homes over 5500 mg/kg for Manganese. I thought we were still at 5 homes above 5500 mg/kg for MN.

From: Sullivan, Glenn [mailto:Glenn.Sullivan@tetrattech.com]
Sent: Tuesday, October 09, 2018 9:16 AM
To: Cooper, Brian <cooper.brian@epa.gov>; Houle, Rachel <Rachel.Houle@tetrattech.com>; Faryan, Steve <faryan.steven@epa.gov>; Benning, Brad <benning.bradley@epa.gov>
Subject: RE: Public viewer

Awesome, that sounds great!

Glenn Sullivan | GIS Analyst
Direct (312) 201-7429 | Mobile (248) 494-3642 | Fax (312) 201-0031
glenn.sullivan@tetrattech.com

Tetra Tech, Inc. | Complex World, Clear Solutions™
1 S. Wacker Drive | Suite 3700 | tetrattech.com

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From: Cooper, Brian <cooper.brian@epa.gov>

Sent: Tuesday, October 09, 2018 9:10 AM

To: Sullivan, Glenn <Glenn.Sullivan@tetrattech.com>; Houle, Rachel <Rachel.Houle@tetrattech.com>; Faryan, Steve <faryan.steven@epa.gov>; Benning, Brad <benning.bradley@epa.gov>

Subject: RE: Public viewer

Thanks Glenn,

FAST reports a -1111 as a non-detect value. Also, it looks like Rachel sent the write-up to Matt.

Brian

From: Sullivan, Glenn [<mailto:Glenn.Sullivan@tetrattech.com>]

Sent: Tuesday, October 09, 2018 9:00 AM

To: Cooper, Brian <cooper.brian@epa.gov>; Houle, Rachel <Rachel.Houle@tetrattech.com>; Faryan, Steve <faryan.steven@epa.gov>; Benning, Brad <benning.bradley@epa.gov>

Subject: RE: Public viewer

Hey Brian,

Thanks for sending this over. I will work with Rachel and get these answers back to you by the end of the day! Also the Scribe database is almost exactly where we want it. We were still having minor issues with the iPad pushing some data because it was collected on an older version of the form. The only two issues I see with the database currently, are that there still are missing coordinates for some locations in the Location table, but we are working on resolving that issue and will resolve it manually if we have to. Additionally, some XRF values for certain analytes, reported certain values as -1111 instead of Null. I believe this is a reported Null value but I am not 100% certain. I don't think this is a major issues, but just something to be aware of.

Other updates are the CDPH data should be good to go, and the location is the first 8 characters of the sampleID. These results are just in the Lab Results table and Location table. You can distinguish Validated data from unvalidated data in a couple different ways because of the custom fields. In the field Val_Flag, it will be TRUE if it is validated results. The Universal EDDs mapped the Lab Qualifier to Result_Qualifier, and Lab_Result_Qualifier, so I left those fields unchanged, and the unvalidated results are in the Result field. The validated results and qualifier are in Val_Result and Val_Qualifier. Also, when you said the XRF data doesn't have results, did you mean each Screening record didn't have results, or did you want the XRF to be flagged if that sample number has results? Currently each record does have results in Mon_Measurement. The Samp_No is in there as well, so I think I could write a query to flag if each Samp_No has associated results. If there is a standard way to do this, please let me know, because I would probably just add another custom field.

I also talked with Randy about the custom fields that I added for the monitoring table (For the XRF data), and the Lab Results table (Lab Results) and she said I am following her typical methods. So if you have any questions about the structure of the database or what custom fields were added, please let me know. Below is what I added to 4 tables. The version of Scribe documentation I had was a little different that the most recent version of Scribe as they just added a field "Validation_Level" this year, and she uses this flag which I was unaware of because of outdated documentaiton. Currently Im using my own flag.

- Monitoring Table
 - Custom fields = "Samp_No", "XRF_No", and "Analysis"
- Location Table
 - Custom fields = "Horizontal_Accuracy_Samp"
- Samples Table

- Custom fields = "Sampler_Company"
- Lab Results
 - Custom fields = "Val_Result", "Val_Qual", and "Val_Flag"

We also went through and fixed some of the issues brought up by John and Chuck. The database should be completely up to date with all of the changes I referenced above, so please let me know if you have any questions or have issues seeing any of the changes I mentioned!

Thanks,

Glenn Sullivan | GIS Analyst
Direct (312) 201-7429 | Mobile (248) 494-3642 | Fax (312) 201-0031
glenn.sullivan@tetrattech.com

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1 S. Wacker Drive | Suite 3700 | tetrattech.com

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From: Cooper, Brian <cooper_brian@epa.gov>
Sent: Tuesday, October 09, 2018 8:25 AM
To: Houle, Rachel <Rachel.Houle@tetrattech.com>; Faryan, Steve <faryan.steven@epa.gov>; Benning, Brad <benning.bradley@epa.gov>; Sullivan, Glenn <Glenn.Sullivan@tetrattech.com>
Subject: Public viewer

Rachel and all,

In order to start the process of making SH Bell public I need to have the information windows completed just like the Federated Metals public viewer. Please take a look below and edit/add as necessary so I can add this to the SH Bell site. Also, I have created an internal viewer below for you all to look at the polygon blocks and data "snapshot" for SH Bell. I have invited non-EPA to the group.

Steve, you have never logged into the geoplatform so you need to do that before I can add you to the group.

<https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=a07da80e3f474d6d93a063e45a9bae45>

FEDERATED METALS SUPERFUND REMOVAL SITE INFORMATION

Map of Soil Sample Lead Results

EPA's Removal Management Levels (RML) in soil for lead are 400 parts per million (ppm) at residential properties and 800 ppm at non-residential properties. RMLs help identify areas, contaminants, and conditions where a removal action may be appropriate. Sites with contaminant concentrations above the RMLs may not necessarily warrant a removal

action dependent upon such factors as background concentrations, the use of site-specific exposure scenarios or other program considerations.

What data was collected?

Soil sampling was conducted in zone between December 2016 and May 2018.

Why was it collected?

Soil sampling was conducted as part of EPA's Superfund process to determine whether samples near the former Federated Metals site contain high levels of lead.

What does it tell us?

The results will show whether or not lead levels exceeded EPA's threshold for contamination (RMLs) and whether excavation will be needed at certain yards.

Disclaimer:

This viewer provides information at the block level to protect personally identifiable information. It will not show individual address sample results. EPA will send letters to each resident with results for lead in soil.

Information on Lead:

Exposure to high levels of lead can cause a range of health effects, from behavioral problems and learning disabilities to seizures and death. Children 6 years old and younger are most at-risk because their bodies are growing quickly and the effects of lead can cause problems. Children often have higher levels of exposure because they play in dirt and may put dirty hands in their mouths. Also, children who lack proper nutrition may absorb more lead and have more harmful effects. [Click here to link to US EPA's Lead website.](#)